

Form PTO-1449
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PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
DM-6958SERIAL NO.
09/281,474

INFORMATION DISCLOSURE STATEMENT

BY APPLICANT

OCT 16 2000

(Use several sheets if necessary)

APPLICANT
RAJOPADHYE ET ALFILING DATE
March 30, 1999GROUP
1616

U. S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	TRADENAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
DA	AA	4 2 4 8 8 0 2	2/3/81	KUNTZ	—	—	
	AB	4 4 7 2 5 0 9	9/18/84	GANSOW ET AL.	—	—	
	AC	4 5 3 6 3 8 7	8/20/85	SAKAMOTO ET AL.	—	—	
	AD	4 8 5 9 7 7 7	8/22/89	TONER	—	—	
DA	AE	4 9 8 8 8 2 7	1/29/91	BERGSTEIN ET AL	—	—	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO
DA	AF	8 1 0 1 1 4 5	4/30/81	WO	—	—	
	AG	9 0 0 3 8 0 1	4/19/90	WO	—	—	
	AH	9 0 0 5 5 3 9	5/31/90	WO	—	—	
	AI	9 0 1 2 5 8 5	11/1/90	WO	—	—	
	AJ	9 0 1 3 3 0 0	11/15/90	WO	—	—	
	AK	9 1 0 1 1 4 4	02/07/91	WO	—	—	
	AL	9 1 1 5 2 4 4	10/17/91	WO	—	—	
DA	AM	9 1 1 4 4 6 0	10/3/91	WO	—	—	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

DA	AN	Hubbrich et al, Liebigs Ann. Chem. 1979, 776-783
	AO	DeGrado and Kaiser, J. Org. Chem. 1980, 45, 1295
	AP	J. Denekamp et al., 1982, Br. J. Cancer, 45, 136-139
	AQ	Denekamp et al., 1982, Br. J. Cancer, 46, 711 - 720
	AR	Ghose et al., 1983, Meth. Enzymology, 93, 280-333
	AS	J. Denekamp, 1984, Acta Radiologica Oncology, 23 Fasc. 4, 217 - 225
	AT	Hans-Hermann Hagemeyer et al., 1986, Int. J. Cancer, 38, 481-488
DA	AU	Margerstadt et al., Magn. Reason. Med., 1986, 3, 808

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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)				OCT 16 2000		APPLICANT RAJOPADHYE ET AL	
				FILING DATE March 30, 1999		GROUP 1616	
U. S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	TRADE NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
	AA	5 0 2 1 2 3 6	6/4/91	GRIES ET AL.	—	—	
	AB	5 0 6 4 9 5 6	11/12/91	KRUPER ET AL	—	—	
	AC	5 0 8 7 4 4 0	2/11/92	CACHERIS ET AL	—	—	
	AD	5 1 5 5 2 1 5	10/13/92	RANNEY	—	—	
	AE	5 2 8 1 7 0 4	1/25/94	LOVE ET AL	—	—	
FOREIGN PATENT DOCUMENTS							
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	AF	9 2 1 2 7 2 9	8/6/92	WO	—	—	
	AG	9 2 1 7 2 1 5	10/15/92	WO	—	—	
	AH	9 2 1 9 6 4 6	11/12/92	WO	—	—	
	AI	9 3 0 8 2 1 0	4/29/93	WO	—	—	
	AJ	9 3 1 7 7 1 5	9/16/93	WO	—	—	
	AK	9 3 2 3 0 7 4	11/25/93	WO	—	—	
	AL	9 4 0 5 3 2 8	4/17/94	WO	—	—	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
	AM	Runge et al., Radiology, 1988, 166, 835					
	AN	Bevilacqua et al., 1987, Proc. Natl. Acad. Sci., 84, 9238-9242					
	AO	Bousquet et al., Radiology, 1988, 166, 693					
	AP	Knowles et al., 1987, Analytical Biochemistry, 160, 440-443.					
	AQ	Wellicome et al., 1990, J. Immunol, 144, 7, 2558-2565.					
	AR	Juliana Denekamp, 1990, Cancer Meta. Rev. 9, 267-282.					
	AS	Clauss et al., 1990, Journal of Biological Chemistry, 265, 12, 7078-7083					
	AT	Deshpande, S., et al, J. Nucl. Med. 1990, 31, 473					
	AU	Brechtel, M. and Gansow, O., Bioconjugate Chem. 1991, 2, 187					
EXAMINER 				DATE CONSIDERED 6/21/02			
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	AA	5	3	5	0	8	3	7
	AB	5	3	7	6	3	5	6
	AC	5	3	4	2	7	5	7
	AD	5	3	8	2	6	5	4
	AE	5	4	1	7	9	5	9
FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER		DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO
	AF	9	4	1	1	4	9	9
	AG	9	4	2	2	4	9	7
	AH	9	5	2	5	5	4	3
	AI	9	6	3	1	2	4	3
	AJ	9	6	0	0	5	7	4
	AK	9	6	0	1	6	5	3
	AL	9	6	4	1	8	0	3
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)								
	AM	DiZio et al., Bioconjugate Chem., 1991, 2, 353-366.						
	AN	Bakker et al., Life Sci., 1991, 49, 1583-91						
	AO	Dvorak et al., 1991, Cancer Cells 3, 77-85.						
	AP	Orlando et al. J. of Biological Chemistry, 10/1991, 266, 29, 19543-19550.						
	AQ	Mueller et al., 1992, Proc. Natl. Acad Sci USA, 89, 11832-11836						
	AR	Brechtel, M. and Gansow, O., J. Chem. Soc. Perkin Trans. 1992, 1, 1175						
	AS	Burrows et al., 1992, Cancer Research, 52, 5954 - 5962						
	AT	Burrows and Thorpe (Porch. Nat. Acad. Sci., USA, 1993, 90, 8996-9000)						
	AU	Kerning et al., Euro. J. Oncol. Med., 1993, 20, 716-31						
EXAMINER		DATE CONSIDERED			TECH CENTER 1600/2500			
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U. S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
DA	AA 5 3 9 5 6 0 9	3/7/95	A. W. STUTTLE	—	—	
	AB 5 4 0 3 7 1 3	4/4/95	BEVILACQUA ET AL.	—	—	
	AC 5 4 1 2 1 4 8	5/2/95	KEANA	—	—	
✓	AD 5 5 2 0 9 0 4	5/28/96	NOSCO ET AL	—	—	
DA	AE 5 5 5 6 9 3 9	10/17/96	FLANAGAN ET AL	—	—	

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DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES	NO
DA AF 9 7 0 8 1 4 5	3/6/97	WO	—	—		
AG 9 7 1 6 4 7 4	5/9/97	WO	—	—		
AH 9 7 1 8 2 0 7	7/22/97	WO	—	—		
AI 9 7 2 3 4 8 0	7/8/97	WO	—	—		
AJ 9 8 1 4 2 2 0	4/9/98	WO	—	—		
AK 9 8 1 6 2 5 6	10/23/98	WO	—	—		
DA AL 9 8 4 7 5 4 1	10/29/98	WO	—	—		

OTHER DOCUMENTS (Including prior art, Title, Date, Pertinent Pages, Etc.)

DA AM	Hu et al., 1994, <i>Oncology Research</i> , 6, 7, 321-327.
AN	O'Reilly et al., <i>Cell</i> , 1994, 79, 315-328
AO	Folkman, J., <i>Nature Medicine</i> , 1995, 1, 27-31
AP	Takashima, S., <i>J. Clin. Invest.</i> , 1994, 93, 662-670
AQ	Burrows et al., <i>Journal of Controlled Release</i> , 28, 1, 195-202
AR	Thorpe et al., <i>Breast Cancer Research & Treatment</i> , 1995, 36, 2, 237-251.
AS	Burris et al., <i>Clinical Res.</i> , 1995, 1, 1623-1634
AT	Abstract, 5/1995, <i>Med. Proceeding of the 42nd Annual Meeting</i> , 36, 5, no. 287, 71P
DA AU	Friedlander et al., <i>Science</i> , 1995, 270, 1500-2

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RJ	AA 5 5 6 7 4 1 1	10/22/96	KEANA ET AL	—	—		
	AB 5 6 5 9 0 4 1	8/19/97	POLLAK ET AL.	—	—		
	AC 5 6 5 9 0 1 3	8/19/97	SENGER ET AL.	—	—		
	AD 5 6 6 0 8 2 7	8/26/97	THORPE ET AL.	—	—		
	AE 5 6 5 0 1 3 4	7/22/97	ALBERT ET AL	—	—		
FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO	
RJ	AF 9 9 0 6 0 4 9	2/11/99	WO	—	—		
	AG 9 9 1 3 3 2 9	3/18/99	WO	—	—		
	AH 9 9 4 0 9 4 7	8/19/99	WO	—	—		
	AI 0 1 0 7 7 3 4	7/29/87	EP	—	—		
	AJ 0 6 0 6 6 8 3	7/20/94	EPO(Corresponds to CA2113245)	—	—		
RJ	AK 0 3 5 9 3 4 7	03/21/90	EPO	—	—		
	AL 0 4 3 6 0 0 5	10/07/91	EPO	—	—		
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
RJ	AM	Ashton et al., J. Org. Chem. 1996, 61, 903-908					
	AN	Krenning et al., Digestion, 1996, 57, 57-61					
	AO	O'Reilly et al., Cell, 1997, 88, 277-285					
	AP	Manning et al., Tet. Lett. 1997, 53, 11937-11952					
	AQ	Senger, et al., Proc. Natl. Acad. Sci USA, 1997, 94, 13612-7					
RJ	AR	Haubner, V313 Nuclear-Medizin, March/1997.					
	AS	Srivatsa et al., Cardiovascular Res. 1997, 36, 408-428.					
	AT	Horton et al., May 1997, Int. J. Biochem. Cell. Biol. 29, 5, 721-725.					
RJ	AU	Olson et al., Int. J. Cancer, 1997, 73, 865-870.					
EXAMINER RJ Jones				DATE CONSIDERED 6/21/02			
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PA	AA	5 6 7 9 8 1 0	10/21/97	LOVE ET AL	—	—	
	AB	5 7 6 0 1 9 1	6/2/98	SNOW ET AL	—	—	
	AC	5 7 6 0 0 2 8	6/2/98	JADHAV ET AL	—	—	
	AD	5 7 6 6 5 9 1	6/16/98	BROOKS ET AL.	—	—	
V	AE	5 7 7 6 4 2 7	7/7/98	THORPE ET AL.	—	—	
PA	AF	5 8 0 4 1 6 1	9/8/98	LONG ET AL	—	—	

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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO
PA	AG	0 7 2 7 2 2 5	8/21/96	EP (A2)	—	—	
	AH	5 3 1 4 6 9 4	7/21/94	AU	—	—	
	AI	2 0 3 9 2 5 9	10/03/91	CA	—	—	
	AJ	2 2 3 2 3 1 5	4/10/97	CA(Corresponds to DE19536785)	—	—	
	AK	2 1 1 3 2 4 5	6/13/88	CA(Corresponds to WO0606683)	—	—	
V	AL	2 1 5 6 6 2 0	10/14/94	CA Corresponds to WO94/22497)	—	—	
PA	AM	4 3 1 1 0 2 3	10/6/94	DE (Corresponds to WO9422497)	—	—	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

PA	AN	Sipkins et al., Nature Medicine, 5/1998, 4, 5, 623-626.
	AO	Molema et al., Biochemical Pharmacology, 1998, 55, 1939-1945.
	AP	Kennel et al., Nuclear Medicine & Biology, 1998, 25, 241-246.
	AQ	Henry, T. et al., (J. Amer. College Cardiology, 810-1, 1998, 31, 65A,)
	AR	Kerr et al, Mar-Apr 1999, Anticancer Research, , 19, 24, 958-968
	AS	Liu et al., 1999, Inorg. Chem, 38, 6, 1326-1335
V	AT	Sellke et al., Drugs, 1999, 58, 3, 391-396.
PA	AU	DeNardo et al, Feb. 2000, Cancer Biotherapy & Radiopharm, 15, 1, 71-79

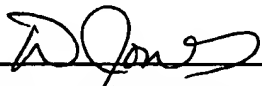
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T. Jones

6/21/02

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DQ	AA 5 8 0 1 2 2 8	9/1/98	HOLLISTER ET AL.	—	—		
	AB 5 8 5 5 8 6 6	1/5/99	THORPE ET AL.	—	—		
	AC 5 8 6 3 5 3 8	1/26/99	THORPE ET AL.	—	—		
	AD 6 0 4 0 3 1 1	3/21/00	DUGGAN ET AL.	—	—		
	AE 6 0 5 1 2 0 7	4/18/00	KLAVENESS ET AL	—	—		
	AF 6 0 5 1 2 3 0	4/18/00	THORPE ET AL.	—	—		
DQ	AG 6 0 5 6 9 7 3	05/02/00	ALLEN ET AL.	—	—		
FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO	
DQ	AH 19 5 3 6 7 8 1	3/27/97	DE (Corresponds to WO9710862)	—	—		
DQ	AI 19 5 3 6 7 8 5	3/27/97	DE (Corresponds to WO972636)	—	—		
DQ	AJ 19 7 2 5 3 6 8	12/17/98	DE	—	—		
	AK						
	AL						
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
DQ	AM	Van Waes et al., 2000, International Journal of Oncology, 16, 1189-1195					
DQ	AN	Batt et al., 2000, J. Med. Chem. 43, 41-58.					
	AO						
	AP						
	AQ						
	AR						
	AS						
EXAMINER 				DATE CONSIDERED 4/24/02			
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